AMENDMENTS TO THE CLAIMS

This listing of Claims shall replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

- (Currently Amended) A method for performing smooth search transitions 1. in a <u>digital versatile disc (DVD)</u> DVD-system, the method comprising:
- (a) calculating an instantaneous frame rate to produce a calculated instantaneous frame rate;
- (b) adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp; and
 - (c) displaying the frame according to the adjusted timestamp.
- 2. (Currently Amended) The method of claim Claim 1 wherein the calculating further comprises determining a change in rate between a current frame rate and a new frame rate.
- (Currently Amended) The method of claim 2 further comprising 3. determining a transition interval for the change in rate.
- (Currently Amended) The method of claim Claim 3 wherein the transition 4. interval further comprises an interval sufficient to maintain audio and video synchronization.
- 5. (Currently Amended) A digital versatile disc (DVD) DVD-player system with smooth search transition capabilities, the system comprising:

a display device for displaying frames; and

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a decoding engine for calculating an instantaneous frame rate to produce a calculated instantaneous frame rate, for adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp, and for providing the frame to the display device according to the adjusted timestamp.

- 6. (Currently Amended) The DVD player system of claim Claim 5 wherein the decoding engine further determines a change in rate between a current frame rate and a new frame rate.
- 7. (Currently Amended) The DVD player system of claim Claim 6 wherein the decoding engine further determines a transition interval for the change in rate.
- 8. (Currently Amended) The DVD player system of claim Claim 7 wherein the transition interval further comprises an interval sufficient to maintain audio and video synchronization.
- 9. (Currently Amended) The DVD player system of claim 5 wherein the DVD player system further comprises comprising a PC-based DVD player of a personal computer.
- 10. (Currently Amended) A computer readable medium containing program instructions for performing search transitions in a <u>digital versatile disc (DVD)</u>

 DVD-system, the <u>instructions method</u> comprising:
- (a) calculating an instantaneous frame rate to produce a calculated instantaneous frame rate;

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- (b) adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp; and
 - (c) displaying the frame according to the adjusted timestamp.
- 11. (Currently Amended) The computer readable medium of claim Claim 10 wherein the calculating further comprises determining a change in rate between a current frame rate and a new frame rate.
- 12. (Currently Amended) The computer readable medium of claim 11, wherein the method further comprises determining a transition interval for the change in rate.
- 13. (Currently Amended) The computer readable medium of claim Claim 12 wherein the transition interval further comprises an interval sufficient to maintain audio and video synchronization.

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